

Appl. No. 10/013,097
Reply Filed: November 17, 2004
Reply to Office Action of May 17, 2004

AMENDMENTS TO THE CLAIMS

Please amend claims 1-12 as follows and cancel claims 13-16. This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A system for allowing an application using a first implementation of a metadata schema to access data stored using a second implementation of a metadata schema, comprising:

means for specifying an evolved property definition ~~in the first implementation to refer to a corresponding property definition in the second implementation, for each object having a~~ property in the first implementation that is different from a corresponding property ~~of a corresponding object~~ in the second implementation, wherein the evolved property definition is added as a property of the object; and

means for redirecting accesses to a property in the first implementation using the evolved property definition to access the corresponding property definition in the data stored in the second implementation.

2. (Currently Amended) The system of claim 1, wherein the evolved property definition includes a reference to means for specifying comprises: means for executing stored instructions for deriving a property in the first implementation from data stored in the second implementation one-schema from another.

3. (Currently Amended) The system of claim 1, wherein the means for specifying comprises:
means for accessing stored information describing the first implementation of the metadata schema and the second implementation of the metadata schema two schemas; and
means for determining a difference between the first implementation of the metadata schema and the second implementation of the metadata schema two schemas.

4. (Currently Amended) A system for allowing an application using a first implementation of a metadata schema to access data stored using a second implementation of a metadata schema, comprising:

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means for specifying a synthesized property definition in the first implementation for each object having a property in the first implementation that for which a corresponding object in the second implementation lacks a corresponding property definition in the second implementation, wherein the synthesized property definition is added as a property of the object; and

means for maintaining information about accesses to the synthesized property definition.

5. (Currently Amended) The system of claim 4, wherein the synthesized property definition includes a reference to means for specifying comprises: means for executing stored instructions for deriving a property in the first implementation from data stored in the second implementation one schema from another.

6. (Currently Amended) The system of claim 4, wherein the means for specifying comprises:
means for accessing stored information describing the first implementation of the metadata schema and the second implementation of the metadata schema two schemas; and
means for determining a difference between the first implementation of the metadata schema and the second implementation of the metadata schema two schemas.

7. (Currently Amended) A method for allowing an application using a first implementation of a metadata schema to access data stored using a second implementation of a metadata schema, comprising:

specifying an evolved property definition in the first implementation to refer to a corresponding property definition in the second implementation, for each object having a property in the first implementation that is different from a corresponding property of a corresponding object in the second implementation, wherein the evolved property definition is added as a property of the object; and

redirecting accesses to a property in the first implementation using the evolved property definition to access the corresponding property definition in the data stored in the second implementation.

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8. (Currently Amended) The method of claim 7, wherein the evolved property definition includes a reference to specifying comprises: executing stored instructions for deriving a property in the first implementation from data stored in the second implementation one-schema from another.

9. (Currently Amended) The method of claim 7, wherein specifying comprises:
accessing stored information describing the first implementation of the metadata schema and the second implementation of the metadata schema two-schemas; and
determining a difference between the first implementation of the metadata schema and the second implementation of the metadata schema two-schemas.

10. (Currently Amended) A method for allowing an application using a first implementation of a metadata schema to access data stored using a second implementation of a metadata schema, comprising:

specifying a synthesized property definition in the first implementation for each object having a property in the first implementation that for which a corresponding object in the second implementation lacks a corresponding property definition in the second implementation, wherein the synthesized property definition is added as a property of the object; and
maintaining information about accesses to the synthesized property definition.

11. (Currently Amended) The method of claim 10, wherein the synthesized property definition includes a reference to specifying comprises: executing stored instructions for deriving one schema from another a property in the first implementation from data stored in the second implementation.

12. (Currently Amended) The method of claim 10, wherein specifying comprises:
accessing stored information describing the first implementation of the metadata schema and the second implementation of the metadata schema two-schemas; and
determining a difference between the first implementation of the metadata schema and the second implementation of the metadata schema two-schemas.

13-16. Cancelled.